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IN THE CLAIMS:

The text of all pending claims, (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~strikethrough~~. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered).

1.   (CURRENTLY AMENDED) A computer-readable recording medium that stores a task control computer program including computer executable instructions which when executed by a computer, cause the computer to execute an operating system as a task by performing:

determining whether a non-idle process is included in processes to be executed under control of the operating system based on a process identifier stored in a process control block (PCB) of processes to be executed under control of the operating system, wherein the non-idle process is ~~an executable~~ a process waiting for execution ~~as the task~~ under control of the operating system, other than an idle process executed when the operating system proceeds to an idle state; and

changing a priority of the task to a higher priority higher than a primary priority of the task to execute the operating system under control of which the non-idle process is executed when it is determined at the determining that the ~~executable~~ processes to be executed under control of the operating system include the non-idle process.

2.   (PREVIOUSLY PRESENTED) The computer-readable recording medium that stores the task control computer program according to claim 1, further comprising a system call that executes the determining and the changing.

3.   (CURRENTLY AMENDED) The computer-readable recording medium that stores the task control computer program according to claim 1, further comprising changing ~~the higher~~ priority of the task to the primary priority lower than the higher priority after the operating system has been executed at the higher priority for a predetermined period of time.

4.   (PREVIOUSLY PRESENTED) The computer-readable recording medium that stores the task control computer program according to claim 1, wherein the determining comprises:

determining whether a non-idle process is executable under the control of the operating

system;

determining whether a schedule request for one of the processes to be executed under control of the operating system has been made to the operating system; and

determining whether an interruption request has been made to the operating system.

5.   (CANCELLED)

6.   (PREVIOUSLY PRESENTED) The computer-readable recording medium that stores the task control computer program according to claim 4, wherein the determining whether the schedule request has been made to the operating system is based on a schedule request flag stored in a process control block of one of the processes to be executed under control of the operating system.

7.   (PREVIOUSLY PRESENTED) The computer-readable recording medium that stores the task control computer program according to claim 4, wherein the determining whether an interruption request has been made to the operating system is based on an interruption request flag set when an interruption to the operating system is required.

8.   (CURRENTLY AMENDED) The computer-readable recording medium that stores the task control computer program according to claim 1, wherein the primary priority of the task is changed to the higher priority when a predetermined period of time has elapsed after it is determined at the determining that there is an executable the non-idle process waiting for the execution is included in the process to be executed under control of the operating system.

9.   (CURRENTLY AMENDED) A task control apparatus for causing a computer to execute an operating system as a task, comprising:
a process control block (PCB) that stores a process identifier;
a determining unit that determines whether a non-idle process is executable under control of the operating system based on a the process identifier stored in a the process control block (PCB) of processes to be executed under control of the operating system, wherein the non-idle process is an executable a process waiting for execution as the task under control of the operating system, other than an idle process executed when the operating system proceeds to an idle state; and
a changing unit that changes a priority of the task to a priority higher than a primary

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priority of the operating system task when ~~the determining unit determines that the non-idle process is executable~~ it is determined that the processes to be executed under control of the operating system include the non-idle process.

10.   (CURRENTLY AMENDED) A task control method for causing a computer to execute an operating system as a task, comprising:

determining whether processes to be executed under control of the operating system include a non-idle process based on a process identifier stored in a process control block (PCB) of processes to be executed under control of the operating system, wherein the non-idle process is ~~an executable~~ a process waiting for execution as the task under control of the operating system, other than an idle process executed when the operating system proceeds to an idle state; and

changing a priority of the task to a priority higher than the primary priority of the task when it is determined that ~~the executable~~ processes to be executed under control of the operating system include the non-idle process.

11.   (CURRENTLY AMENDED) The computer-readable recording medium that stores the task control computer program according to claim 2, further comprising changing the ~~higher~~ priority of the task to the primary priority lower than the higher priority after the operating system has been executed at the higher priority for a predetermined period of time.

12.   (CURRENTLY AMENDED) A task control method for causing a computer to execute an operating system as a task, the method comprising:

raising a priority of ~~a~~ the task upon determining processes to be executed under control of the operating system include a non-idle,~~executable~~ process to be executed under control of the operating system other than an idle process executed when the operating system proceeds to an idle state and based on an identifier stored in a control block executed by the operating system.

13.   (NEW) A method performed by a processor causing a computer to execute an operating system as a task comprising:

changing a priority of the task to a priority higher than a primary priority to execute the operating system under control of which the non-idle process is executed upon determining that processes to be executed include a non-idle process.